





# Build cross platform desktop apps with JavaScript, HTML, and CSS ...

## Part 1: Getting Started.

Lukas Hejniak, Juli 2019

#electronjs #crossdesktopapps #js  
#javascript #html #css



ELECTRON

Nochmals zum  
**Mitschreiben ...**

**Web Technologies:** Uses Chromium and Node.js so you can build your app with HTML, CSS, and JavaScript.

**Cross Platform:** Compatible with Mac, Windows, and Linux, Electron apps build and run on three platforms.

**Open Source:** Electron is an open source project maintained by GitHub and an active community of contributors.



# Showcase ...

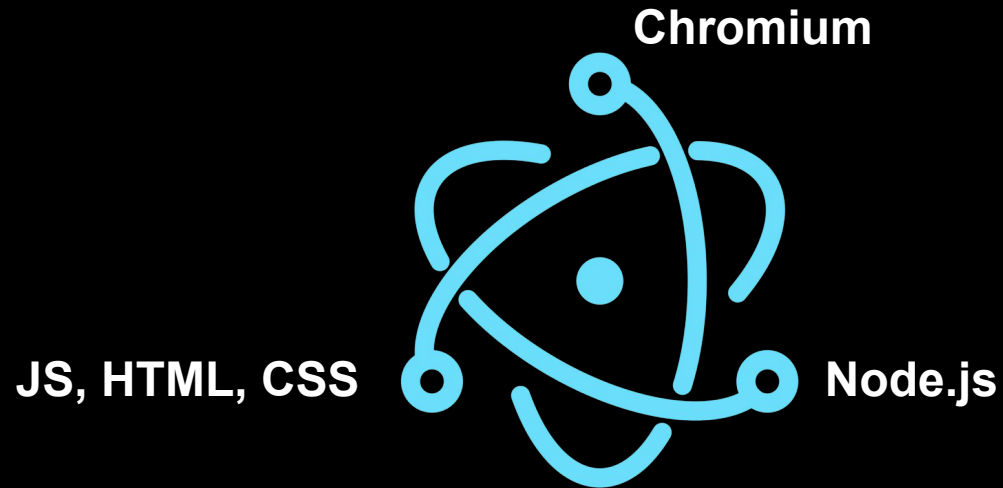


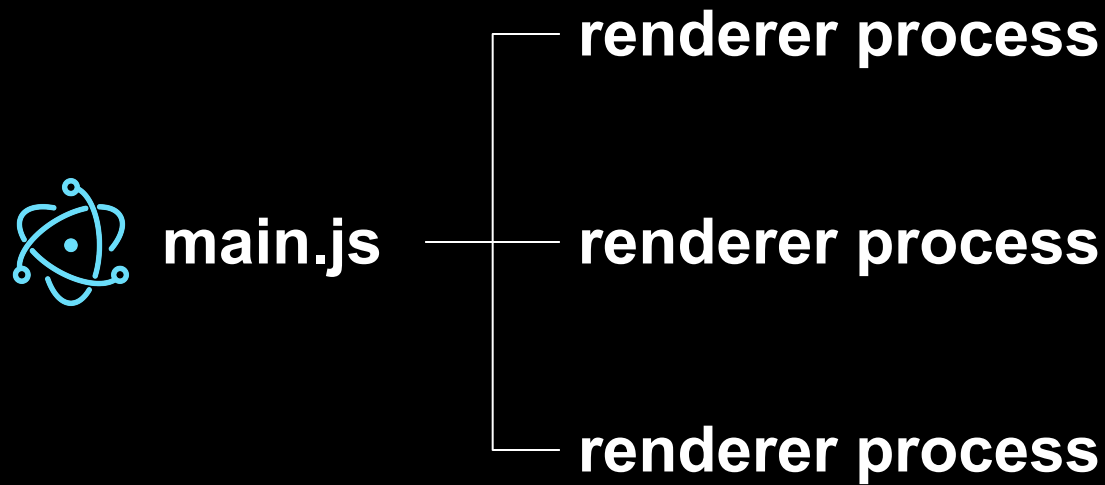
# Electron unter der **Haube ...**

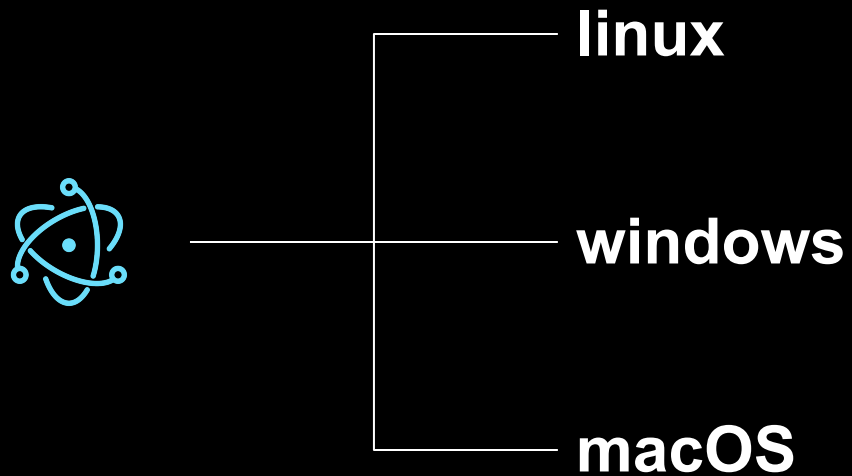
**# Web Engine;** Eigentlich eine Webseite mit etwas UI Rendering ... Nicht mehr.

**# Node.js;** Erweiterung der Applikation um OS-Funktionen, z.B. Dateizugriffe, etc.

<https://github.com/electron/electron/tree/master/docs/api>









# Showtime ...

## Part 1: **Getting Started.**

```
# Navigate to the quick stark folder and run the application
```

```
$ cd electron/01-electron-quick-start
```



Das Setup ...

**3 einfache Schritte.**

# Linux ...

```
# Clone the Quick Start repository
$ git clone https://github.com/electron/electron-quick-start

# Go into the repository
$ cd electron-quick-start

# Install the dependencies
$ npm install

# Run your first application
$ npm start
```



# Windows ...

```
# Website (alt. electronjs.org)
```

```
$ https://github.com/electron/electron/releases/latest
```

```
# Download & Unpack / Install
```

```
$ electron-v4.2.6-win*****.zip
```



Applikation  
**starten ...**

# Hands on ...

- ❑ Electron installieren
- ❑ Beispiel App starten
- ❑ Electron ausprobieren

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